

## DECLARATION FOR PATENT APPLICATION

Docket Number: 6099/008

O I P  
JUL 13 1998  
PATENT & TRADEMARK OFFICE  
As a herein named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the only, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "BROADCAST DATA DISTRIBUTION SYSTEM WITH ASYMMETRIC UPLINK/DOWNLINK BANDWIDTHS" the specification of which is attached hereto unless the following is checked:

My application was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed Yes <input type="checkbox"/> No <input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	
			Yes <input type="checkbox"/> No <input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby declare that the present application is based upon prior United States applications, serial numbers 08/346,425, filed November 28, 1994, and 08/550,886, filed October 31, 1995, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

08/346,425 (Application-Number)	November 28, 1994 (Filing Date)	pending (Status - patented, pending, abandoned)
08/550,886 (Application Number)	October 31, 1995 (Filing Date)	pending (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Donald M. Duff 17,484; James M. Graziano 28,300; Carl A. Forest 28,484; Mark A. Gudluk 38,900; Dan Cleveland, Jr. 36,166; Martin L. Shively 33,353; and Steven W. Weinrieb 28,520. Address all telephone calls to James M. Graziano at Telephone No. (303) 449-9497 and address all correspondence to James M. Graziano, DUFT, GRAZIANO & FOREST, P.C., 1790 - 30th Street, Suite 140, Boulder, Colorado 80301-1018.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor (given name, family name) Frederick S. M. Herz

Inventor's signature [Signature] Date 6/15/98  
Residence Davis, West Virginia Citizenship U.S.A.  
Post Office Address Box 626 Conoco Valley, Davis, West Virginia 26260

Full name of second joint inventor (given name, family name) Jonathan Smith

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence Princeton, New Jersey Citizenship U.S.A.  
Post Office Address 771 Princeton-Kingston Road, Princeton, New Jersey 08540-4165

## DECLARATION FOR PATENT APPLICATION

Docket Number 8099/008

As a below named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "**BROADCAST DATA DISTRIBUTION SYSTEM WITH ASYMMETRIC UPLINK/DOWNLINK BANDWIDTHS**" the specification of which is attached hereto unless the following is checked:

was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application(s)

Priority Claimed
Yes <input type="checkbox"/> No <input type="checkbox"/>

(Number)	(Country)	(Day/Month/Year Filed)	Yes <input type="checkbox"/> No <input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

08/346,425 (Application Number)	November 28, 1994 (Filing Date)	Pending (Status - patented, pending, abandoned)
08/550,328 (Application Number)	October 31, 1995 (Filing Date)	Pending (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Donald M. Duft 17,484; James M. Graziano 28,300; Carl A. Forest 28,484; Mark A. Guettlich 38,900; Dan Cleveland, Jr. 36,106; Martin L. Shively 33,553; and Steven W. Weinrieb 26,520. Address all telephone calls to James M. Graziano at Telephone No. (303) 449-9497 and address all correspondence to James M. Graziano, DUFT, GRAZIANO & FOREST, P.C., 1790 - 30th Street, Suite 140, Boulder, Colorado 80301-1018.

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Full name of first joint inventor (given name, family name) Frederick S. M. Herz

Inventor's signature	Date
Residence <u>Davis, West Virginia</u>	Citizenship <u>U.S.A.</u>
Post Office Address <u>Box 825 Canaan Valley, Davis, West Virginia 26260</u>	

Full name of second joint inventor (given name, family name) Jonathan Smith

Inventor's signature <u>Jonah M. Smith</u>	Date <u>6/26/98</u>
Residence <u>Princeton, New Jersey</u>	Citizenship <u>U.S.A.</u>
Post Office Address <u>771 Princeton-Kingston Road, Princeton, New Jersey 08540-4165</u>	

## DECLARATION FOR PATENT APPLICATION

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Docket Number: 6099/008

Full name of third inventor (given name, family name) David WachobInventor's signature David E Wachob

Date

6/25/98Residence Elkins Park, PennsylvaniaCitizenship U.S.A.Post Office Address 8379 Glen Road, Elkins Park, Pennsylvania 19117

# VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) & 1.27(b)) -- INDEPENDENT INVENTOR

Docket Number: 6089/008

#4

Applicant or Patentee: Frederick S.M. Herz, Jonathan M. Smith and David Wachob

Serial or Patent Number:

Filed or Issued:

**BROADCAST DATA DISTRIBUTION SYSTEM WITH ASYMMETRIC UPLINK/DOWNLINK BANDWIDTHS**

I, the below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

the specification filed herewith with title as listed above.

- the application identified above.  
 the patent identified above.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- No such person, concern or organization exists.  
 Each such person, concern or organization is listed below.

FULL NAME: Frederick S.M. Herz

ADDRESS:

INDIVIDUAL       SMALL BUS. CONCERN       NONPROFIT ORGANIZATION

FULL NAME:

ADDRESS:

INDIVIDUAL       SMALL BUS. CONCERN       NONPROFIT ORGANIZATION

Separate verified statements are required from each named person, concern or organization having rights to the invention according to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Frederick S.M. Herz  
Name of Inventor

Signature of Inventor

6/15/98

Date

Jonathan M. Smith  
Name of Inventor

Signature of Inventor

Date

David Wachob  
Name of Inventor

Signature of Inventor

Date

**VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) & 1.27(b)) - INDEPENDENT INVENTOR**

Docket Number: 6099/008

H4

Applicant or Patentee: Frederick S.M. Herz, Jonathan M. Smith and David Wachob  
Serial or Patent Number: \_\_\_\_\_  
Filed or Issued: \_\_\_\_\_

O I P JUL 12 1998  
PATENTS & TRADEMARKS  
OFFICE  
Title: **BROADCAST DATA DISTRIBUTION SYSTEM WITH ASYMMETRIC UPLINK/DOWNLINK  
BANDWIDTHS**

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Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

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 Each such person, concern or organization is listed below:

FULL NAME: Frederick S.M. Herz

ADDRESS: \_\_\_\_\_  
 INDIVIDUAL     SMALL BUS. CONCERN     NONPROFIT ORGANIZATION

FULL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
 INDIVIDUAL     SMALL BUS. CONCERN     NONPROFIT ORGANIZATION

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Frederick S. M. Herz  
Name of Inventor

Jonathan M. Smith  
Name of Inventor

Signature of Inventor

Signature of Inventor

Date

Date

David Wachob  
Name of Inventor

Signature of Inventor

David Wachob  
Signature of Inventor

Signature of Inventor

6/25/98

Date

FROM :

PHONE NO. :

JUN-23-98 09:58 FROM:DUF

Jun. 23 1998 01:54PM P5

**VERIFIED STATEMENT CLAIMING SMALL ENTITY  
(37 CFR 1.9(f) & 1.27(b)) - INDEPENDENT INVENTOR**

Docket Number. 8088/008

Applicant or Patentee: Frederick S.M. Herz, Jonathan M. Smith and David Wachob  
Serial or Patent Number: \_\_\_\_\_  
JUL 1 Filed or Issued: \_\_\_\_\_



**BROADCAST DATA DISTRIBUTION SYSTEM WITH ASYMMETRIC UPLINK/DOWNLINK  
BANDWIDTHS**

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INDIVIDUAL

SMALL BUS. CONCERN

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INDIVIDUAL

SMALL BUS. CONCERN

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Frederick S.M. Herz

Name of Inventor

Signature of Inventor

Date

Jonathan M. Smith

Name of Inventor

Jonathan M. Smith

Signature of Inventor

6/26/98

Date

David Wachob

Name of Inventor

Signature of Inventor

Date